

475 17th Street Suite 1500 Denver Colorado 80202 Telephone 303 573-1222 Fax 303 573 0461

December 8, 2005

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P. O. Box 145801 Salt Lake City, Utah 84114-5801

Attn.: Ms. Diana Whitney

RE: Archy Bench #11-22-24-1

SESW Sec 1 T11S-R22E Uintah County, Utah

Dear Ms. Whitney:

Enclosed is an original application to drill concerning the above-referenced proposed well. This information was also submitted to the Bureau of Land Management.

Enduring Resources, LLC is requesting the Utah Division of Oil, Gas and Mining to hold this application and all future information as confidential.

If any questions arise or additional information is required, please contact me at 303-350-5114.

Very truly yours,

ENDURING RESOURCES, LLC

Alvin R. (Al) Arlian

Landman-Regulatory Specialist

ara Enclosures: RECEIVED DEC 1 2 2005

DIV. OF OIL, GAS & MINING

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

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AMENDED REPORT	
(bigblight changes)	

	APPLICATION FOR PERMIT TO DRILL					6. SURFACE: Federal
1A. TYPE OF WO	DRK: DRILL	Z REENTER [DEEPEN		7. IF INDIAN, ALLOTTEE C	OR TRIBE NAME:
B. TYPE OF WE	IL: OIL GAS	OTHER	SIN	GLE ZONE 🚺 MULTIPLE ZON	IE . UNIT OF CA AGREEMEN	T NAME:
2. NAME OF OPE	RATOR:				9. WELL NAME and NUMB	ER:
Enduring R	lesources, LLC				Archy Bench 11	-22-24-1
3. ADDRESS OF				PHONE NUMBER:	10. FIELD AND POOL, OR	WILDCAT:
		Denver s	TATE CO ZIP 80	220 (303) 350-5114	Undesignated	
4. LOCATION OF	WELL (FOOTAGES)		121.277	J 20 00012U	11. QTR/QTR, SECTION, T MERIDIAN:	OWNSHIP, RANGE,
AT SURFACE:	SESW 1	993' FWL 660' F	SL 636311	7 04.3041-4	SESW 1 1	1S 22E S
AT PROPOSED	PRODUCING ZONE:	Same	441590	x 39.884124 44 - 109.405093		
14. DISTANCE IN	MILES AND DIRECTION F	ROM NEAREST TOWN OR I	POST OFFICE:		12. COUNTY:	13. STATE:
37.1 mile	s southwest of Bo	onanza, UT			Uintah	UTAH
15. DISTANCE TO	NEAREST PROPERTY OF	R LEASE LINE (FEET)	16. NUMBER O	F ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGN	ED TO THIS WELL:
660'				1341		40 acres
18. DISTANCE TO	D NEAREST WELL (DRILLIN	NG, COMPLETED, OR	19. PROPOSED	·	20. BOND DESCRIPTION:	
APPLIED FOI 1262.64'	R) ON THIS LEASE (FEET)			8,163		
	(SHOW WHETHER DF, RT	CD ETC \	22 ADDDOVIM	ATE DATE WORK WILL START:	RLB0008031	
	•	, GR, ETG.).			23. ESTIMATED DURATION:	
5764 RT-	KB		2/1/2006) 	20 days	
24.		PROPO	SED CASING A	ND CEMENTING PROGRAM		
SIZE OF HOLE	CASING SIZE, GRADE,	AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QU	ANTITY, YIELD, AND SLURRY WEIG	НТ
20"	14" line	pipe	40	3 yards	Ready Mix	
11"	8-5/8" J-	55 24#	2,000	Premium Lead	138 sxs 3.	50 11.1
	·		· · · · · · · · · · · · · · · · · · ·	Premium Tail	138 sxs 1.	15 15.8
7-7/8"	4-1/2" N-	80 11.6#	8,163	Class G	129 sxs 3	11.0
				50/50 Poz Class G	886 sxs 1.	56 14.3
						
					רחגובוח	ENTIAL
25.			ATTA	CHMENTS	CONFID	LIVITAL
VERIFY THE FOL	LOWING ARE ATTACHED	IN ACCORDANCE WITH TH	E UTAH OIL AND GAS C	ONSERVATION GENERAL RULES:		
✓ WELL PL	AT OR MAP PREPARED BY	LICENSED SURVEYOR OF	RENGINEER	COMPLETE DRILLING PLAN		
		•				
✓ EVIDENC	CE OF DIVISION OF WATER	R RIGHTS APPROVAL FOR U	JSE OF WATER	FORM 5, IF OPERATOR IS PE	RSON OR COMPANY OTHER THAN	THE LEASE OWNER
NAME (PLEASE	PRINT) Alvin R. (AI)	Arlian		_{TITLE} Landman - Re	gulatory Specialist	
SIGNATURE		11/2		DATE 12/8/2005		
(This space for Sta	te use only)					
			AD	Droved by the		
		·	Üt	proved by the ah Division of	<u> </u>	
API NUMBER AS	signed: 43-0	47-37491	Oil, (Gas-and Mining	RECE	IVED

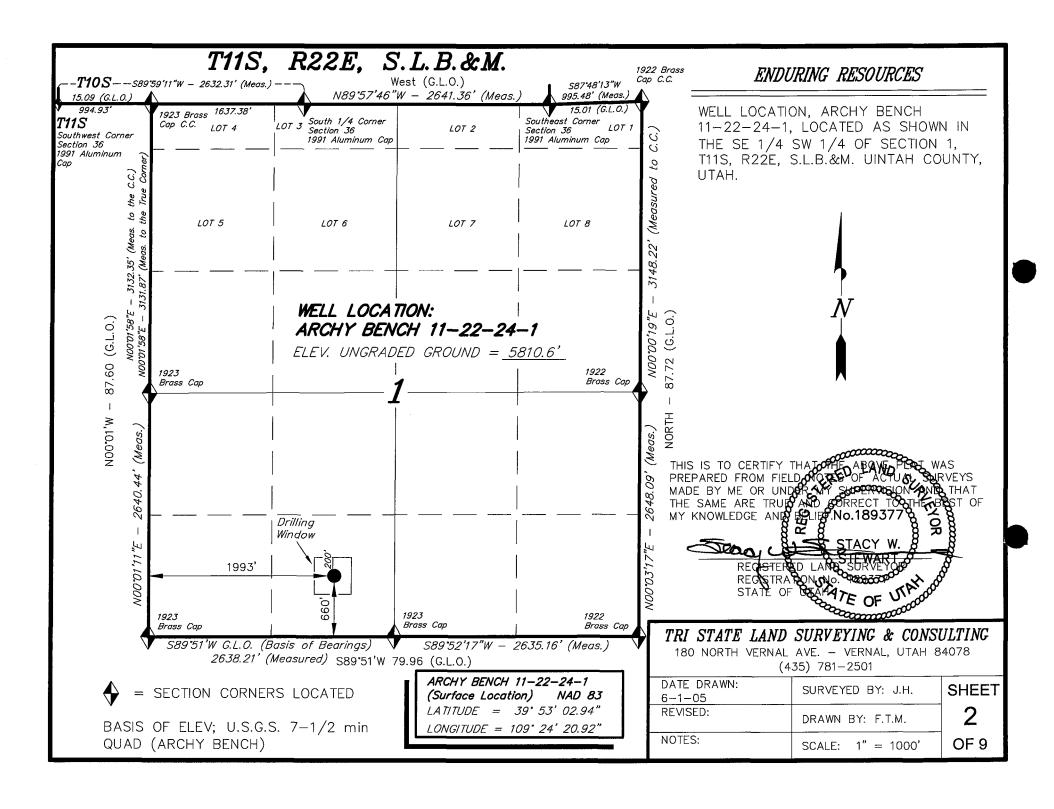
Federal Approval of this Action is Necessary

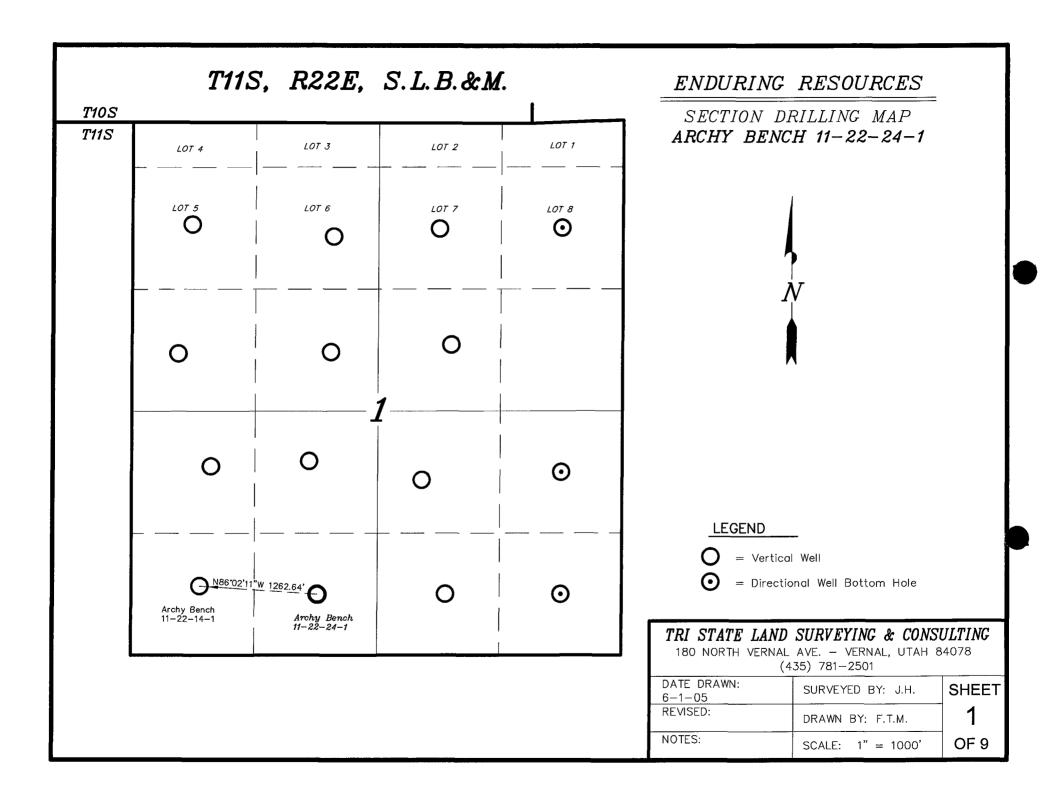
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DIV. OF OIL, GAS & MINING





SELF-CERTIFICATION STATEMENT

The following self-certification statement is provided per federal requirements dated June 15, 1988.

Please be advised that Enduring Resources, LLC is considered to be the operator of the following well.

Archy Bench #11-22-24-1 SESW 1993' FWL 660' FSL Section 1 T11S-R22E S.L.B.& M. Lease Serial No.: UTU-73903 Uintah County, Utah

Enduring Resources, LLC is responsible under the terms and conditions of the lease for the operations conducted upon leased lands. Bond coverage is provided by UTB000173.

Alvin R. Arlian

Regulatory Specialist

Enduring Resources, LLC

475 17th Street, Suite 1500

Denver, CO 80202 (303) 350-5114

Enduring Resources, LLC Archy Bench #11-22-24-1 SESW Sec. 1 T11S-R22E Uintah County, Utah Lease # UTU-073903

ONSHORE ORDER 1 - DRILLING PLAN

1. <u>Estimated Tops of Geological Markers:</u>

Formation	Depth (K.B.)
Uinta	Surface
Green River	885'
Wasatch	3588'
Mesaverde	6035'

2. <u>Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals:</u>

Substance	Formation	Depth (K.B.)
	KB-Uinta Elevation: 5821'	
Oil / Gas	Green River	885'
Oil /Gas	Wasatch	3588'
Oil /Gas	Mesaverde	6035'
	Estimated TD	8043'

A 11" hole will be drilled to approximately 2000 feet. The depth will be determined by the depth that the Birds Nest zone is encountered. The hole will be drilled 400 feet beyond the top of the Birds Nest zone and surface casing will be set.

3. Pressure Control Equipment: (3000 psi schematic attached)

- A. Type: Eleven (11) inch double gate hydraulic BOP with eleven (11) inch annular preventer on 3,000 psi casinghead, with 3,000 psi choke manifold equipped per the attached diagram. BOPE as specified in *Onshore Oil & Gas Order Number 2*. A PVT, stroke counter and flow sensor will be installed to check for flow and monitor pit volume.
- B. Pressure Rating: 3,000 psi BOPE
- C. Kelly will be equipped with upper and lower Kelly valves.
- D. Testing Procedure: Annular Preventer

At a minimum, the annular preventer will be pressure tested to 50% of the stack rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the annular preventer is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition to the above, the annular preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed:
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

E. Miscellaneous Information:

The blowout preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*.

4. **Proposed Casing & Cementing Program:**

A. Casing Program: All New

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set
20"	14" O.D.				(MD) 40' (GL)
11"	8-5/8"	24#	J-55	ST&C	0 – 2,016' (KB) est.
7-7/8"	4-1/2"	11.6#	N-80	LT&C	0 – 8,043' (KB)

The surface casing will have guide shoe, 1 joint, insert float collar. Centralize the shoe joint with bowspring centralizers in the middle and top of the joint and the next16 joints with bowspring centralizers on every other collar (8 centralizers total). Thread lock guide shoe.

Casing string(s) will be pressure tested to 0.22 psi/foot of casing string length or 1500 psi, whichever is greater (not to exceed 70% of the internal yield strength of the casing), after cementing and prior to drilling out from under the casing shoe.

B. Casing Design Parameters:

Depth (MD)	Casing	Collapse(psi)/SF	Burst (psi)/SF	Tension(mlbs)/SF
40' (GL)	14" OD			
2016' (KB)	8-5/8", 24#/ft, J55, STC	1370/1.52(a)	2950/3.28(b)	244/5.81(c)
8043' (KB)	4-1/2", 11.6#/ft, N-80, LTC	6350/1.52 (d)	7780/2.02 (e)	223/2.78 (f)

- (a.) based on full evacuation of pipe with 8.6 ppg fluid on annulus
- (b.) based on 8.6 ppg gradient with no fluid on annulus
- (c.) based on casing string weight in 8.6 ppg mud
- (d.) based on full evacuation of pipe with 10.0 ppg fluid on annulus
- (e.) based on 9.2 ppg gradient, gas to surface, with no fluid on annulus, no gas gradient
- (f.) based on casing string weight in 9.2 ppg mud

PROPOSED CEMENTING PROGRAM

Surface Casing (if well will circulate)-Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	sxs	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
8-5/8"	Lead	1516	Premium cement + 16% gel + 0.25 pps celloflake	138	25%	11.1	3.50
8-5/8"	Tail	500	Premium cement + 2% CaC ₂ + 0.25 pps celloflake	138	25%	15.8	1.15

A cement top job is required if cement fallback is greater than 10' below ground level. Top job (weight 15.8 ppg, yield 1.15 ft³/sx) cement will be premium cement w/ 3% CaCl₂.+0.25 pps celloflake. Volume as required

Surface Casing (if well will not circulate) - Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	sxs	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
8-5/8"	Lead	500	Premium cement + 2% CaCl ₂ + 0.25 pps celloflake	138	25	15.8	1.15
8-5/8"	Top job	As req.	Premium cement + 3% CaCl ₂ + 0.25 pps celloflake	As Req.		15.8	1.15

Production Casing and Liner - Cemented TD to 300' above base of surface casing

CASING	SLURRY	FT.	CEMENT TYPE	SXS	EXCESS	WEIGHT	YIELD
1		of			(%)	(ppg)	(ft³/sx)
		FILL					
4-1/2"	Lead	1472	Class "G" + 5% NaCl + 12% Gel + 0.25	129	25	11.0	3.3
			pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender				
4-1/2"	Tail	4855	50/50 POZ Class G + 2% gel +1% CaCl ₂ + 0.2% dispersant + 0.2% fluid loss	886	25	14.3	1.56
			+ 0.2% fluid loss + 0.1% antifoam				

Cement volumes for the 4-1/2" Production Casing will be calculated to provide a top of cement to 300' above base of surface casing. Cement volumes are approximate and were calculated under the assumption that a gauge hole will be achieved. Actual cement volumes may vary due to variations in the actual hole size and will be determined by running a caliper log on the drilled hole. Actual cement types may vary due to hole conditions and cement contractor used.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. <u>Drilling Fluids (mud) Program:</u>

Interval (MD)	Mud Weight	Fluid Loss	Viscosity	Mud Type
0' – 2016' (KB)		No cntrl		Air/mist
2000'-3000' (KB)	8.4-8.6	No cntrl	28-36	Water
3000'-8043' (KB)	8.8-9.8	8 - 10 ml	32-42	Water/Gel

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

6. <u>Evaluation Program:</u>

Tests:

No tests are currently planned.

Coring:

No cores are currently planned.

Samples:

No sampling is currently planned.

Logging

- Dual Induction SFL /Gamma Ray/Caliper/SP/TDLT/CNL/ML TD to Base Surface Casing
- Cement Bond Log / Gamma Ray:
 TD to Base of Surface Casing or Top of Cement if below Base of Surface Casing

Stimulation: A stimulation or frac treatment will be designed for completion of this well based on openhole log analysis. The drill site, as approved, will be sufficient size to accommodate all completion activities.

7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H_2S has been encountered or known to exist from previous wells drilled to similar depths in the general area.

Maximum anticipated bottom hole pressure equals approximately 4,182 psi (calculated at 0.52psi/foot of hole) and maximum anticipated surface pressure equals approximately 2,413 psi (anticipated bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot of hole).

8. Anticipated Starting Dates:

• Anticipated Commencement Date- Within one year of APD issue.

Drilling Days Completion Days Approximately 10 days
 Approximately 10 days

• Anticipate location construction within 30 days of permit issue.

9. Variances:

None anticipated

10. Other:

A Cultural Resource Inventory and Paleontology reconnaissance shall be conducted for the well location, access route and pipeline. The reports shall be submitted to the Division of Oil, Gas and Mining and the School and Institutional Trust lands Administration upon their receipt.

Single Shot directional surveys will be dropped every 2000 feet to monitor hole angle.

Enduring Resources, LLC Archy Bench #11-22-24-1 SESW Sec. 1 - T11S-R22E Uintah County, Utah Lease # UTU-073903

Directions to the Archy Bench 11-22-24-1 Well Pad

Beginning at the city of Bonanza, Utah: Leave the city of Bonanza heading southerly on state highway 45 for a distance of approximately 4.9 miles and turn left on to Road 4170 (Southam Canyon Road). Continue southwest on Road 4170 approximately 8.5 miles to Road 4160 (Asphalt Wash Road) and turn left. Continue south on Road 4160 approximately 9.5 miles until it intersects with Road 4120 (Bitter Creek Road). Turn right and go 1.9 miles on Road 4120 to Road 4230 (Saddletree Draw Road) and turn right. Go 4.8 miles on Road 4230 and turn left on to Road 4150 (Archy Bench Road). Go approximately 4.7 miles on Road 4150 to the turn-off point for the new access. Go left, 205 feet to the proposed well pad.

Total distance from Bonanza, Utah to the proposed well location is approximately 37.1 miles in a southwesterly direction.

Enduring Resources, LLC Archy Bench #11-22-24-1 SESW Sec. 1 - T11S-R22E Uintah County, Utah Lease # UTU-073903

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Directions to the Archy Bench 11-22-24-1 Well Pad

Beginning at the city of Bonanza, Utah: Leave the city of Bonanza heading southerly on state highway 45 for a distance of approximately 4.9 miles and turn left on to Road 4170 (Southam Canyon Road). Continue southwest on Road 4170 approximately 8.5 miles to Road 4160 (Asphalt Wash Road) and turn left. Continue south on Road 4160 approximately 9.5 miles until it intersects with Road 4120 (Bitter Creek Road). Turn right and go 1.9 miles on Road 4120 to Road 4230 (Saddletree Draw Road) and turn right. Go 4.8 miles on Road 4230 and turn left on to Road 4150 (Archy Bench Road). Go approximately 7.1 miles on Road 4150 to the turn-off point for the new access. Go left, .2 mile to the proposed well pad.

Total distance from Bonanza, Utah to the proposed well location is approximately 37.1 miles in a southwesterly direction.

2. Planned Access Roads:

The proposed access road will be approximately .2 mile of new construction (ON-LEASE). The balance of the ON-LEASE road is the Arch Bench Road and will not have to be improved. No new road will have to be built OFF-LEASE. Please refer to Topo Map "B" for the takeoff point for the new ON-LEASE road construction.

The proposed access road will be utilized to transport personnel, equipment and supplies to and from the proposed well site during drilling, completion and production operations. The road will be utilized year round.

The access road will be crowned 2% to 3%, ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet right-of-way. Maximum grade of road is 5% or less. Graveling or capping the roadbed will be performed as necessary to provided a well constructed, safe road. No fence crossings, culverts, turnouts, cattle guards or major cuts and fills are required. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.



Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, 1989.

The road surface and shoulders will be kept in a safe usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during All traffic will be confined to the approved disturbed surface. drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches and the turnouts kept clear so that snowmelt will be channeled away from the road.

Location of Existing Wells within a One-Mile radius (See "Topo" Map "C" 3. attached):

The following wells are wells located within a one (1) mile or greater radius of the proposed location.

a. None: Water Wells: (1) one BLM stock water dam

(WRNUM: 49-336)

Injection Wells: b. None: **Producing Wells:** None:

C.

Archy Bench State 1-2, NENE of Sec 2-11S-22E (S/I) i.

API#: 43-047-31489

ii. NBU 70-34B, NESW of Sec 34-10S-22E (S/I)

API#: 43-047-30577

iii. Archy Bench 1-7, SWNE of Sec 1-10S-22E

API#: 43-047-35931

Drilling Wells: d. None:

None: Shut-in Wells: e.

None: **Temporarily Abandoned Wells:** f.

None: **Disposal Wells:** g.

h. None: **Abandoned Wells:**

i. None: Dry Holes:

Observation Wells: į. None:

k. One: Pending (staked) Wells:

Archy Bench 11-22-21-1 i.

ii. Archy Bench 11-22-31-1

iii. Archy Bench 11-22-22-1

iv.	Archy Bench 11-22-12-1
V.	Archy Bench 11-22-14-1
vi.	Archy Bench 11-22-13-1
	A 1 D 14400044

Archy Bench 11-22-34-1 vii. Archy Bench 11-22-33-1 viii.

Archy Bench 11-22-23-1 ix.

Archy Bench 11-22-11-1 Χ.

4. Location of Existing and/or Proposed Facilities:

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank and be independent of the back cut.

All permanent (on site for six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective. earth tone color to match one of the standard environmental colors, as determined by the rocky Mountain Five State Inter-Agency Committee

All facilities will be painted within 6 months of installation. The color shall be Desert Tan. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Gas Gathering Pipeline: ON-LEASE 215' BLM

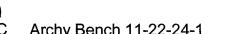
OFF-LEASE -0no OFF-LEASE pipeline

If the well is capable of economic production, a surface gas gathering line and related equipment shall be installed. The surface gas gathering line shall be in use year round. A total of approximately less than 215 feet of surface gas gathering pipeline shall be laid on the surface to minimize surface disturbance:

- ON-LEASE approximately 215 feet, and a.
- b. OFF-LEASE (none)

of 6 inch or less diameter steel, unpainted, welded gas gathering line is proposed.

The proposed pipeline will begin at the well site; and be laid due east 215' and tie-in directly to an existing pipeline next to this well pad. The meter run will be housed. The gas gathering line will be buried or anchored down from the wellhead to the meter.



Upon plugging and abandonment, the gas gathering line will be removed and the disturbed area will be re-contoured and restored as near as practical to the original condition. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

5. Location and Type of Water Supply:

Water will be obtained from the White River by Tu and Frum, Inc. Water User Claim #49-2185, Application #T75517, or by Target Trucking Water User Claim #43-2195, or by Dalbo Inc. Water User Claim #43-8496

Water will be hauled to the location over the roads marked on "Topo" Maps "A" and "B."

No water well is to be drilled on this lease.

Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized fro location and access road construction.

Any gravel will be obtained from a commercial source; however, gravel sized rock debris associated with location and access road construction may be used as access road surfacing material.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit well be constructed on the location and will not be located within natural drainage, where a flood hazard exits or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, brake or allow discharge of liquids.

The reserve pit will be lined with ¼ felt and a minimum of 16 mm plastic with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the will be disposed of in the pit.

A chemical portable toilet will be furnished with the drilling rig. The toilet will be replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.



Garbage, trash and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash well be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well.

Produced oil will be stored in an oil tank and then hauled by truck to a crude purchaser facility. Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to an approved disposal site.

8. Ancillary Facilities:

During drilling operations, approximately 20 days, the site will be a manned camp. Three or four additional trailers will be on location to serve as the crews' housing and eating facilities. These will be located on the perimeter of the pad site within the topsoil stockpiles. Refer to Sheet 4.

9. Well Site Layout: (Refer to Sheets #2, #3, and #4)

The attached Location Layout Diagrams described drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpiles(s).

Please see the attached diagram for rig orientation and access roads.

The top soil will be windrowed rather than piled. It will be reseeded and track walker at the time the location is constructed. Seeding will be with the determined during the onsite. (Refer to "Seed Mixture for Windrowed Top Soil Will included:" following herein.

The top soil removed from the pit area will be store separately and will not be reseeded until the pit is reclaimed.

All pits shall be fence to the following minimum standards:

a. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.



- b. The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches over the new wire. Total height of the fence shall be at least 42 inches.
- c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two fence posts shall be no greater than 16 feet.
- e. All wire shall be stretched by, using a stretching device, before it is attached to corner posts.
- f. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.
- g. Location size may change prior to drilling the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling, the location will be re-surveyed and a Form 9 will be submitted.

10. Plans for Surface Reclamation:

Producing Location:

- a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, materials, trash and debris not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 40CFR 3162.7.
- c. Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.
- d. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximated natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.
- e. To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface 3 feet above surrounding round surface to allow the reclaimed pit area to drain effectively.
- f. Upon completion of back filling, leveling and re-contouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).



Dry Hole/Abandoned Location:

- i. Abandoned well sites, roads and other disturbed areas will be restored as nearly as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions and re-establishment of vegetation as specified.
- ii. All disturbed surfaces will be re-contoured to the approximated natural contours with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

Seed Mixture for Windrowed Top Soil Will Included:

To be provided by the BLM.

11. Surface Ownership: Location, Access and Pipeline Route:

Wellsite:

Bureau of Land Management

Access:

Bureau of Land Management

Pipeline:

Bureau of Land management

12. Other Information

On-site Inspection for Location, Access and Pipeline Route:

The on-site was conducted September 21, 2005.

Special Conditions of Approval:

All production equipment will be painted Desert Tan.

Archeology:

a. A Cultural Resource Inventory Report is pending and to be prepared by Montgomery Archaeological Consultants.

Paleontology:

a. A Paleontology Reconnaissance Report is pending and to be prepared by Intermountain Paleo-Consulting.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites will be suspended and the discovery reported promptly to the surface management agency.



13, <u>Lessee's or Operator's Representatives:</u>

Representatives:

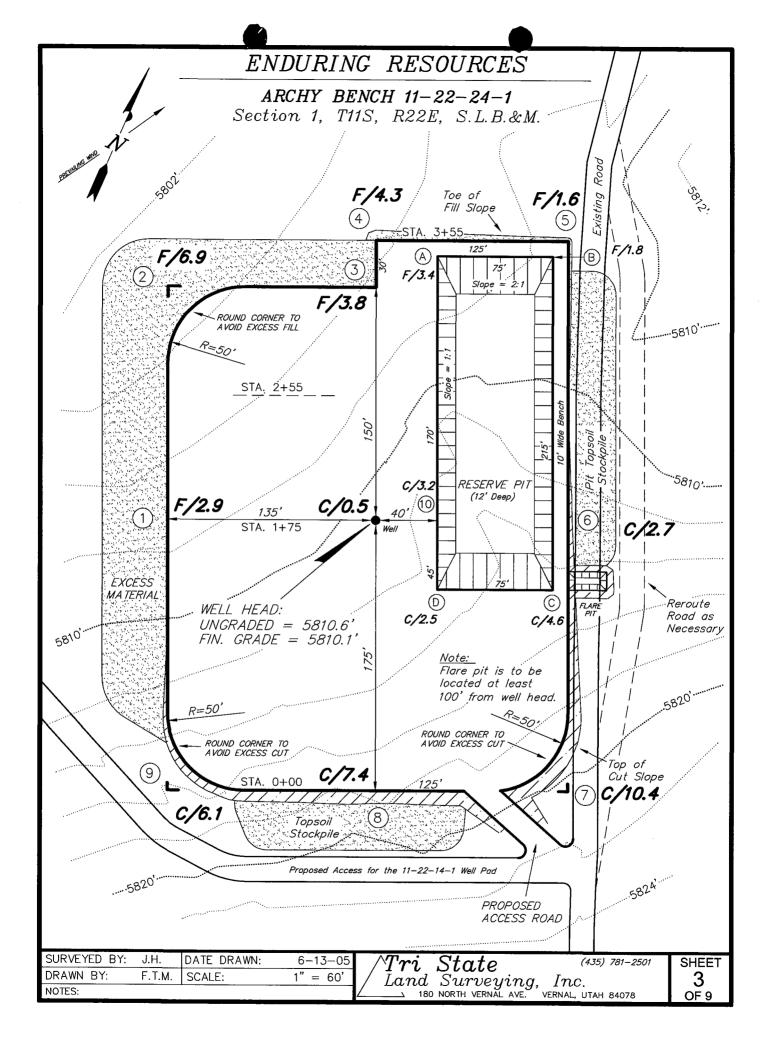
Alvin R. (AI) Arlian
Landman – Regulatory Specialist
Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, Colorado 80202
Office Tel: 303-350-5114
Fax Tel: 303-573-0461

aarlian@enduringresources.com

Frank Hutto
Vice President – Operations
Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, Colorado 80202
Office Tel: 303-573-5102

Office Tel: 303-573-5102 Fax Tel: 303-573-0461

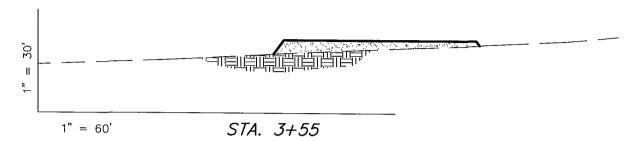
fhutto@enduringresources.com

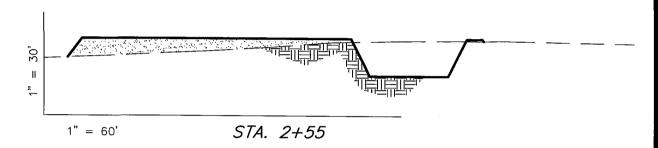


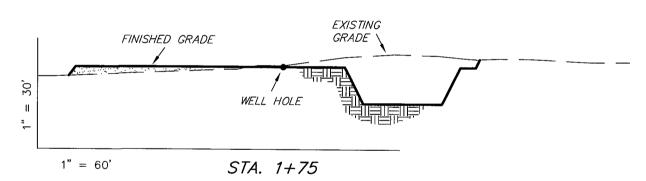
ENDURING RESOURCES

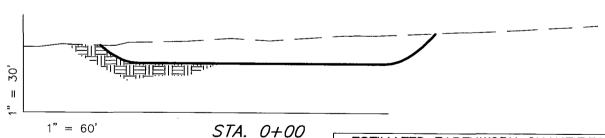
CROSS SECTIONS

ARCHY BENCH 11-22-24-1







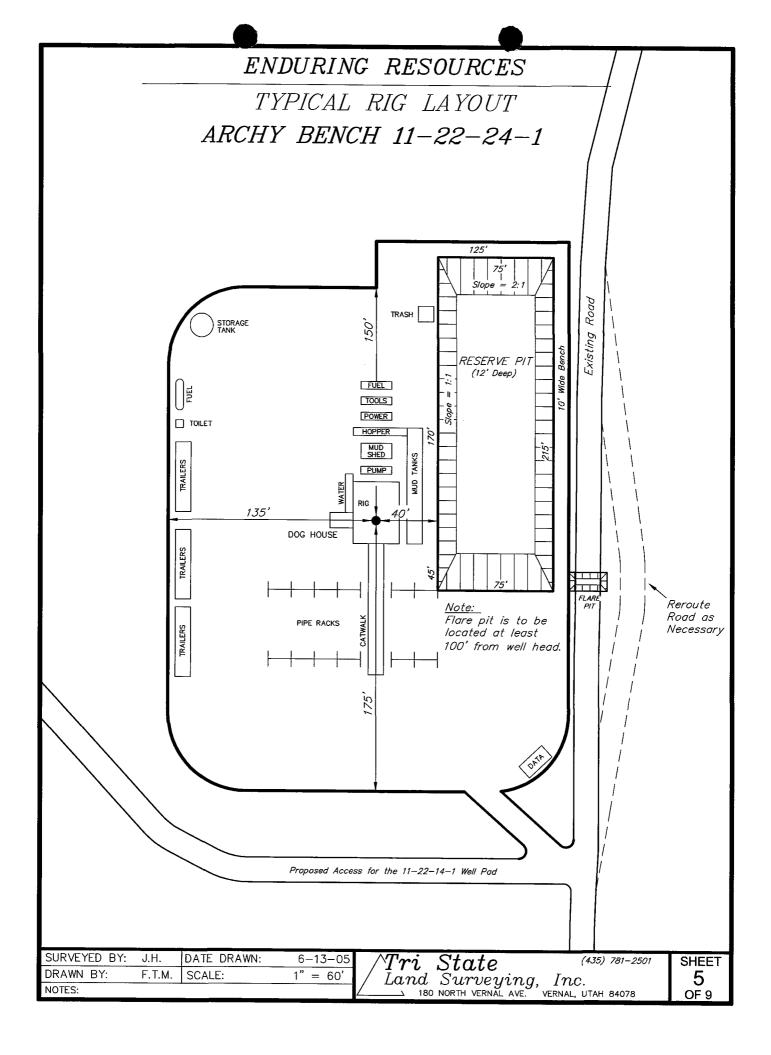


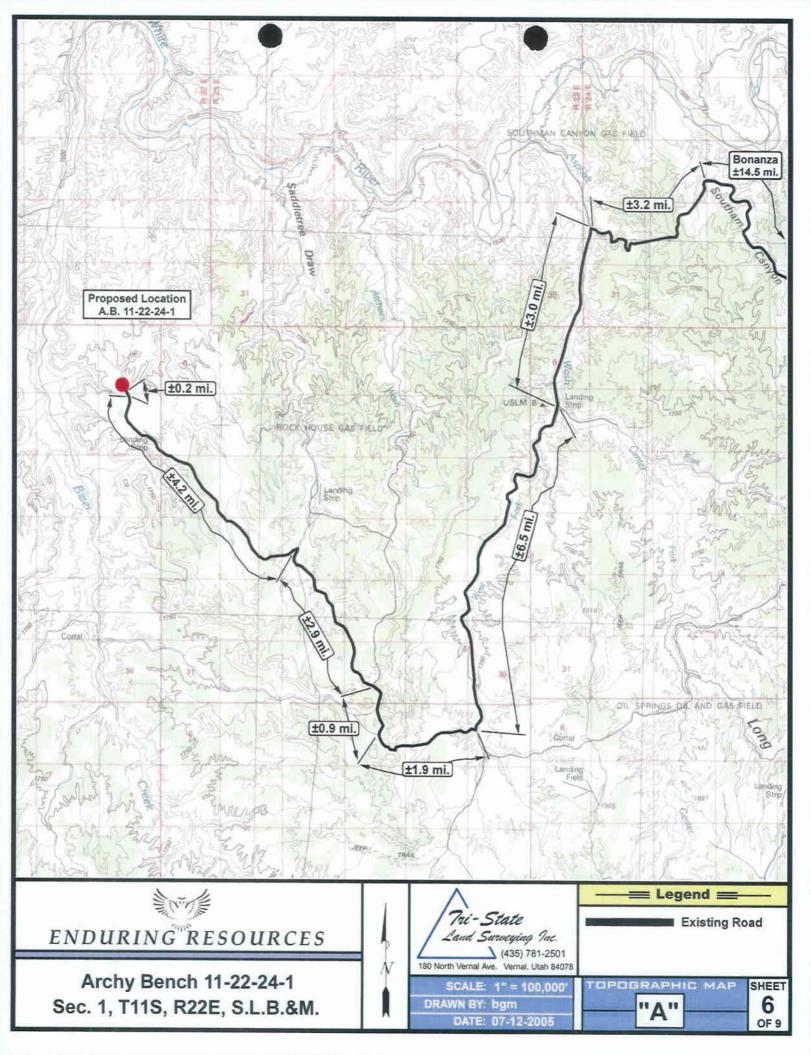
NOTE: UNLESS OTHERWISE NOTED CUT SLOPES ARE AT 1:1 FILL SLOPES ARE AT 1.5:1

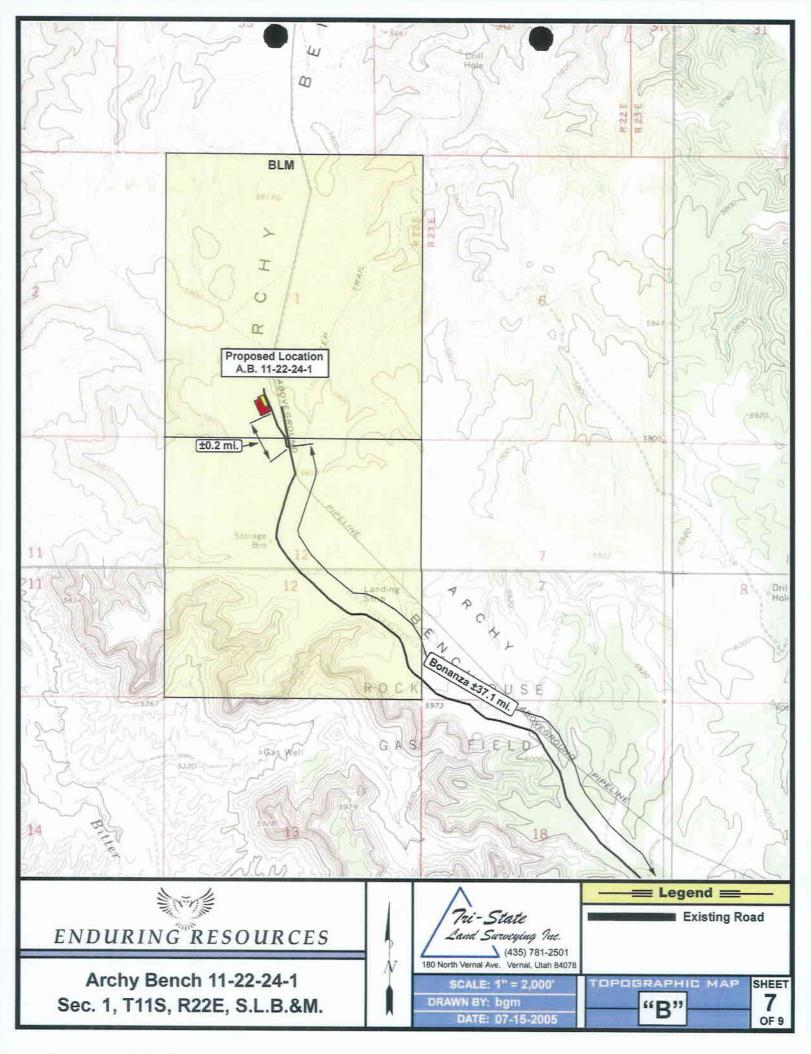
ESTIMATED EARTHWORK									
(No	Shrink	or	swell	adj	ustmer	nts	have	been	used)
	(Expr	ressec	d in	Cubic	Yo	rds)		

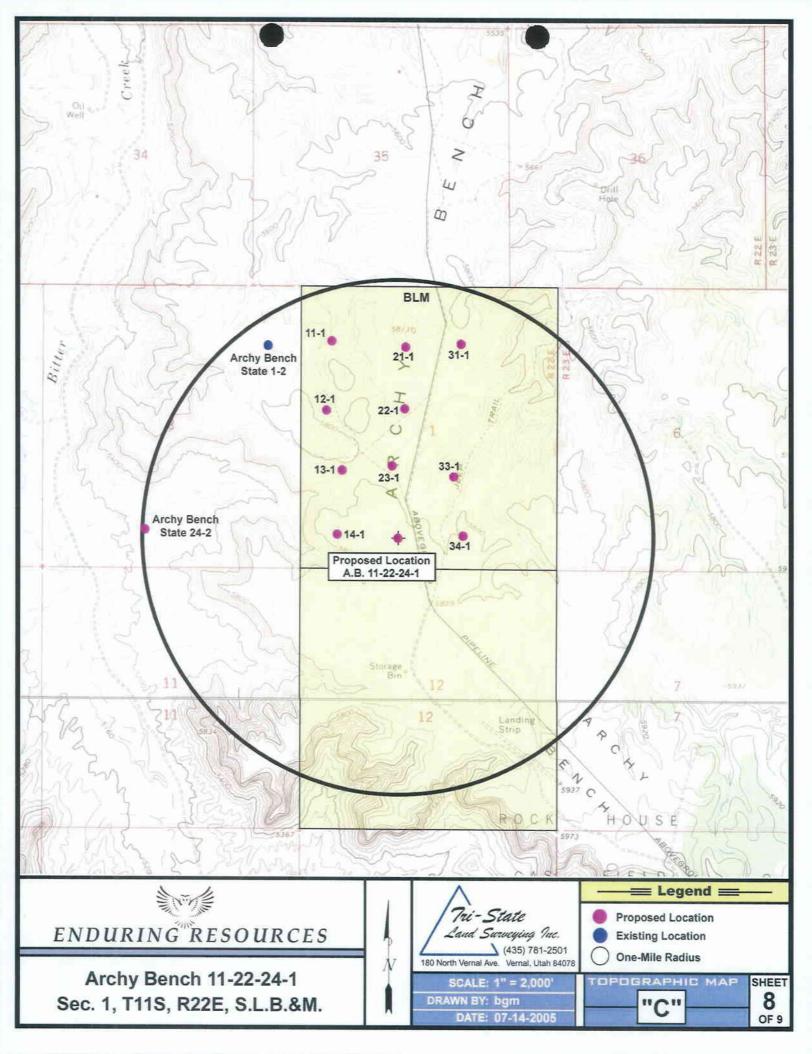
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	5,920	4,180	Topsoil is not included	1,740
PIT	5,390	0	in Pad Cut	5,390
TOTALS	11,310	4,180	1,740	7,130

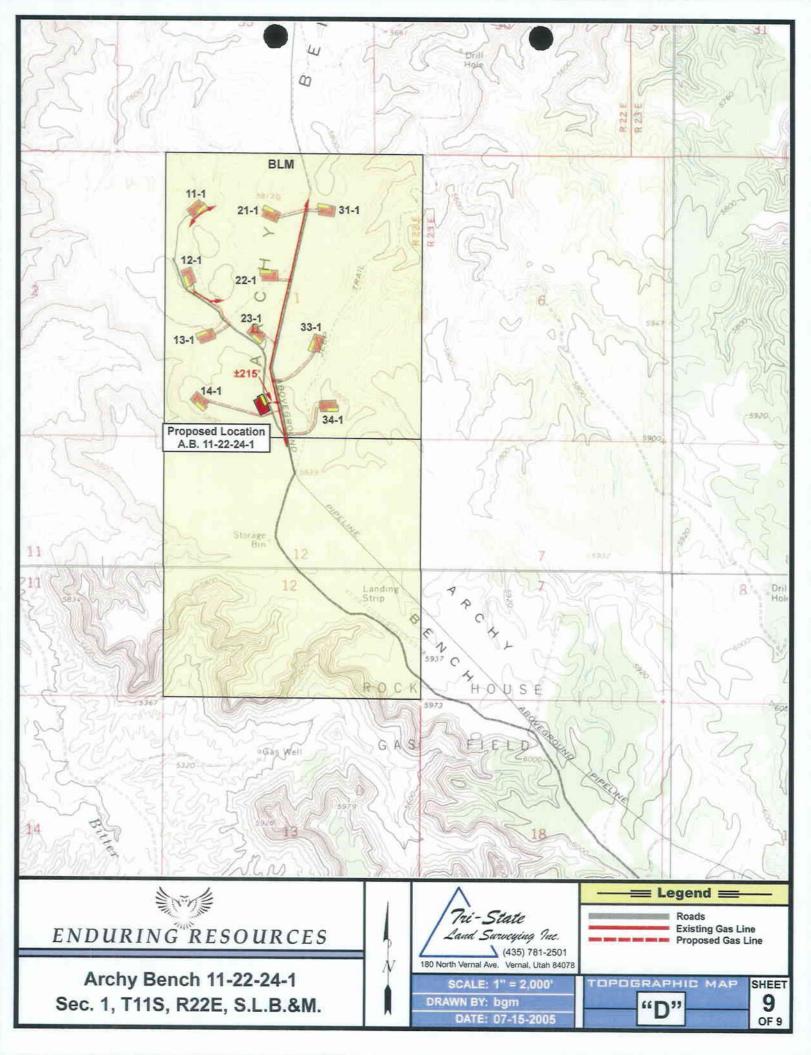
SURVEYED BY:	J.H.	DATE DRAWN:	6-13-05	$\triangle Tri$	State	(435) 781–2501	SHEET
DRAWN BY:	F.T.M.	SCALE:	1" = 60'	/ Land	Surveying	. Inc.	4
NOTES:				/	NORTH VERNAL AVE.	VERNAL, UTAH 84078	OF 9













CENTER STAKE

ENDURING RESOURCES

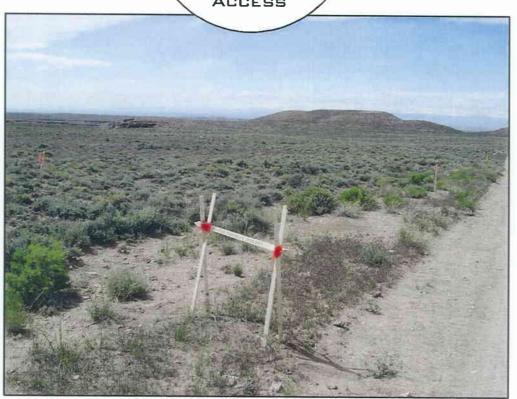
A.B. 11-22-24-1

Date Photographed: 05/26/2005

Date Drawn: 07/13/2005 Drawn By: bgm

LOOKING NW ACCESS

7ri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078





North

THE WAR ENDURING RESOURCES

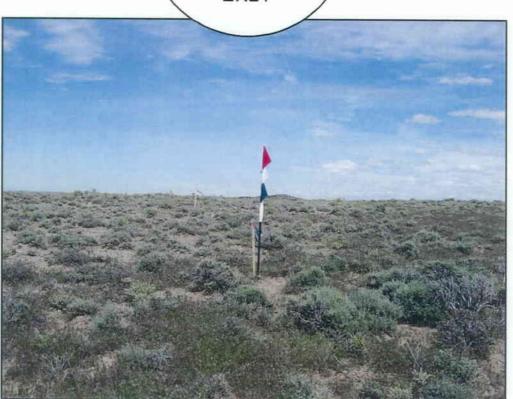
A.B. 11-22-24-1

Date Photographed: 05/26/2005

Date Drawn: 07/13/2005 Drawn By: bgm

7ri-State Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078

EAST





SOUTH

ENDURING RESOURCES

A.B. 11-22-24-1

Date Photographed: 05/26/2005

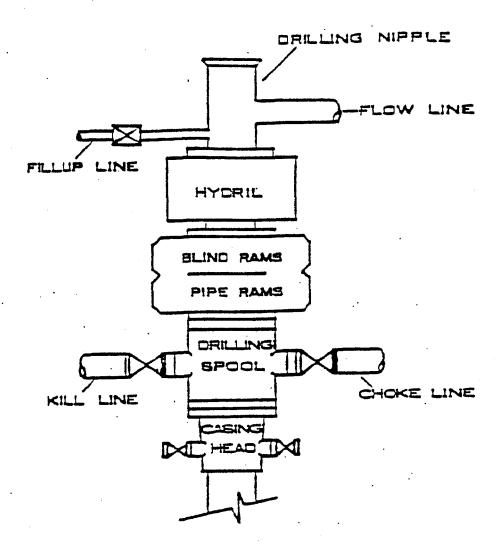
Date Drawn: 07/13/2005 Drawn By: bgm

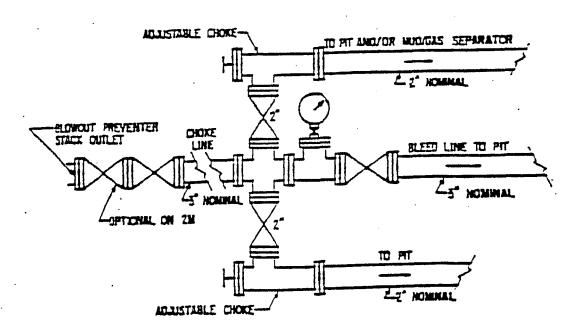
7ri-State Land Surveying Puc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

WEST

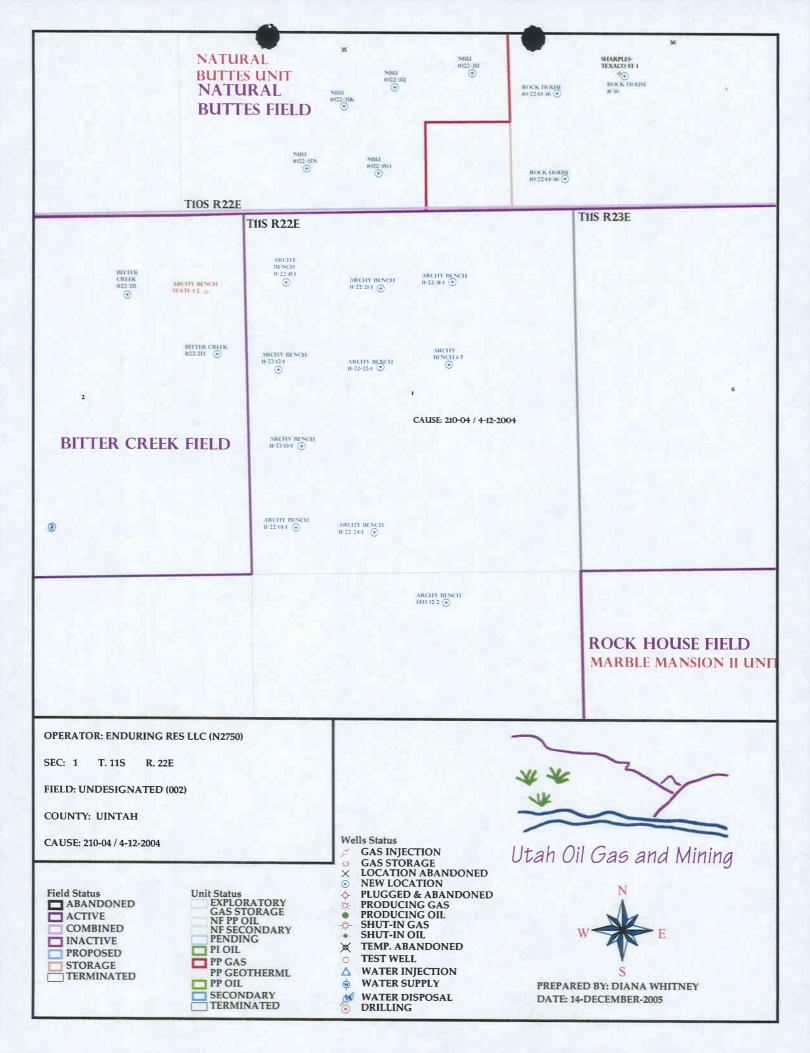


EOP STACK





APD RECEIVED: 12/12/2005	API NO. ASSIGNED: 43-047-37491				
WELL NAME: ARCHY BENCH 11-22-24-1 OPERATOR: ENDURING RESOURCES, LLC (N2750) CONTACT: AL ARLIAN	PHONE NUMBER: 303-350-5114				
PROPOSED LOCATION: SESW 01 110S 220E SURFACE: 0660 FSL 1993 FWL BOTTOM: 0660 FSL 1993 FWL UINTAH UNDESIGNATED (2) LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-73903 SURFACE OWNER: 1 - Federal PROPOSED FORMATION: MVRD COALBED METHANE WELL? NO	INSPECT LOCATN BY: / / Tech Review Initials Date Engineering Geology Surface LATITUDE: 39.88412 LONGITUDE: -109.4051				
Plat Plat No. RLB0008031 Potash (Y/N) Noil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 43-8496 No. 43-8496 Noil Shale (Y/N) (Date:) Noil Shale (Y/N) (Date:) Noil Shale 190-5 (B) or 190-3 or 190-13 Noil Shale 190-5 (B) or 190-3 Noil Shale 190-5 (B) or 190-3 Noil Shale 190-5 (B) or 190-3 Noil Shale 190-5 (B) or 1	LOCATION AND SITING: R649-2-3. UnitR649-3-2. GeneralSiting: 460 From Qtr/Qtr & 920' Between WellsR649-3-3. Exception				
STIPULATIONS: 1- fodera approva					





State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR.

GARY R. HERBERT Lieutenant Governor

December 14, 2005

Enduring Resources, LLC 475 17th St., Ste. 1500 Denver, CO 80202

Re: Archy Bench 11-22-24-1 Well, 660' FSL, 1993' FWL, SE SW, Sec. 1, T. 11 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37491.

Sincerely,

Aux.

Gil Hunt Associate Director

mf Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Enduring Resources, LLC					
Well Name & Number	Archy Bench 1	1-22-24-1				
API Number:	43-047-37491					
Lease:	<u>UTU-73903</u>					
Location: SE SW	Sec1_	T. 11 South	R. <u>22 East</u>			

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Form 3160-3 (April 2004) UNITED STATE:		DEC 12 2005			FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007		
DEPARTMENT OF THE		रका र है	.5. Lease Serial No.				
BUREAU OF LAND MAN	NAGEMENT		UTU-73903				
APPLICATION FOR PERMIT TO	DRILL OR REENTER		6. If Indian, Allotee	or Tribe Name			
			N/A				
la. Type of work: DRILL REENT	TER		7. If Unit or CA Agre	ement, Name and	. No.		
			8. Lease Name and V	Well No.			
lb. Type of Well: Oil Well ✓ Gas Well Other	✓ Single Zone Mult	iple Zone	Archy Bench	11-22-24-1			
2. Name of Operator Enduring Resources, LLC	_		9. APL Well No.	7,374	<u> </u>		
3a. Address 475 17th Street, Suite 1500 Denver, CO 80202	3b. Phone No. (include area code)		10. Field and Pool, or I	Exploratory			
	303-350-5114		undesignated				
4. Location of Well (Report location clearly and in accordance with a			11. Sec., T. R. M. or Blk. and Survey or Area				
At surface SESW 1993' FWL 660' FS	L		0 - 1 M110 DA	470 C X 70 C X X			
At proposed prod. zone Same as surface			Sec 1 T11S R2	ZE S.L.B.&M.			
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. St	ate		
37.7 miles Southwesterly from Bonanza, Utah			Uintah		UT		
15. Distance from proposed* location to nearest 660'	16. No. of acres in lease	5. No. of acres in lease 17. Spacing Unit dedi					
property or lease line, ft. (Also to nearest drig. unit line, if any)	1341.28	8 40 acres					
18. Distance from proposed location* to nearest well, drilling, completed,	19. Proposed Depth	9. Proposed Depth 20. BLM/I		BIA Bond No. on file			
applied for, on this lease, ft. 1262.64'	8043'	BLM	- UTB000173				
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	irt*	23. Estimated duration	1			
5821' RT-KB	02/16/2005	•••	20 days	1			
	24. Attachments						
The following, completed in accordance with the requirements of Onsho	ore Oil and Gas Order No. 1 shall be a	attached to thi	c form:				
Well plat certified by a registered surveyor. A Drilling Plan.	4. Bond to cover to ltem 20 above).	he operation	is unless covered by an	existing bond on	file (see		
3. A Surface Use Plan (if the location is on National Forest System		cation					
SUPO shall be filed with the appropriate Forest Service Office).	6. Such other site	specific info	rmation and/or plans as	may be required	by the		
25 Ci	authorized offi	cer.		····			
25. Signature	Name (Printed Typed) Alvin R. (Al) Arlian	n		Date			
Title	ZMYM IC. (AI) AI II ZI			12/08/2005	,		
Landman - Regulatory Specialist							
Approved by (Signature)	Name (Printed/Typed)			Date /			
Provident Caucar				05/161	200		
Title	Office			- July			

Conditions of approval, if any, are attached. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Application approval does not warrant the effify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to

conduct operations thereon.

*(Instructions on page 2)

CONDITIONS OF APPROVAL ATTACHED RECEIVED

MAY 2 4 2006



UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT** VERNAL FIELD OFFICE

170 South 500 East **VERNAL, UT 84078**

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No:

Enduring Resources LLC

Location:

SESW, Sec 1, T11S, R22E

Cell: 435-828-4470

Cell: 435-828-7875

Cell: 435-828-3913

Cell: 435-828-4029

API No:

Archy Bench 11-22-24-1 43-047-37491

Lease No:

UTU-73903

Agreement:

N/A

Petroleum Engineer: Petroleum Engineer: Petroleum Engineer:

Supervisory Petroleum Technician: **Environmental Scientist:**

Environmental Scientist: Natural Resource Specialist: Natural Resource Specialist: Natural Resource Specialist: Natural Resource Specialist:

After hours contact number: (435) 781-4513

Jamie Sparger Paul Buhler Karl Wright Holly Villa Melissa Hawk Nathaniel West

Matt Baker

Roger Hall

Michael Lee

Chris Carusona

Office: 435-781-4484 Office: 435-781-4404 Office: 435-781-4476 Office: 435-781-4447 Office: 435-781-4441

Office: 435-781-4490

Office: 435-781-4432

Office: 435-781-4470

Office: 435-781-4502

Office: 435-781-4475

FAX: (435) 781-4410

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Melissa Hawk)

Forty-Eight (48) hours prior to construction of location and access roads.

Location Completion (Notify Melissa Hawk)

Prior to moving on the drilling ria.

Spud Notice (Notify Petroleum Engineer) Twenty-Four (24) hours prior to spudding the well.

Casing String & Cementing (Notify Jamie Sparger SPT) Twenty-Four (24) hours prior to running casing and cementing all casing strings.

BOP & Related Equipment Tests (Notify Jamie Sparger SPT)

Twenty-Four (24) hours prior to initiating pressure tests.

First Production Notice (Notify Petroleum Engineer) - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

DRILLING AND CONSTRUCTION

- Enduring Resources, LLC will comply with all applicable local, state, and/or federal laws, regulations, and/or statutes.
- In accordance with the Migratory Bird Treaty Act if a nest is found the operator shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer.
- Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel shall not be allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. may be needed to control the erosion. The operator shall submit a proposal to control erosion to the BLM.
- The reserve pit shall be double lined with felt and a 12 ml or greater liner or single lined with 16ml or greater.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
- Drill cuttings and mud shall remain in the reserve pit until DRY. The reserve pit must be
 free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified
 in-situ prior to filling. The reserve pit shall not be "squeezed," (filled with soil while still
 containing fluids) or "cut" (puncturing the pit liner while still containing fluids to allow pit
 fluids to drain from the pit).
- Prevent fill and stock piles from entering drainages.
- The access road shall be crowned and ditched. Flat-bladed roads are NOT allowed.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- All well facilities not regulated by OSHA shall be painted Olive Black.
- · Following well plugging and abandonment, the location, access roads, pipelines, and

other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.

- Noxious weeds and any undesirable plants, as determined by the BLM, shall be controlled by the operator. The operator shall submit a pesticide use proposal to control weeds if they develop on the location, access road, or pipeline corridor.
- Trees must be removed from the location must be piled separately off location and saved for final reclamation purposes.
- Interim Reclamation (see below):
- Where possible, strip six inches of topsoil from the location as shown on the cut sheet.
 After the well is completed, the topsoil shall be spread and re-contoured on the location and immediately seeded with the seed mix below.
- Interim Reclamation Seed Mix for location:

	Hycrest Crested Wheat grass	Agropyron cristatum	4lbs. /acre
0	Needle and Thread grass	Stipa comata	4lbs. /acre
0	Indian Rice grass	Pleuraphis hymenoides	4lbs. /acre

- Certified weed free seed and straw shall be used for final and interim reclamation. The
 operator shall submit a receipt with certification for the seed and any straw used on
 location.
- The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed it should be re-contoured, then the area should be seeded in the same manner as the topsoil.
- There shall be no primary or secondary noxious weeds in the seed mixture.
- Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.
- The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.
- The seed shall be drilled or disked into the ground or hand broadcast onto the ground.
 Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture shall be doubled and the area raked or chained to cover the seed.
- Water Use for drilling/construction purposes:
 - o Implement Reasonable and Prudent Measure (1):
 - o If the pump head is located in the river channel, do not situate the pump in a low-flow or no-flow area as these habitats tend to concentrate fish.

- Screen all pump intakes with 1/4" mesh material.
- Report any fish impinged on the intake screen to the Service (801.975.3330) or the Utah Division of Wildlife Resources:

Northeastern Region 152 East 100 North, Vernal UT 84078 Phone: (435) 781-9453

CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION:

- Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer.
- Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery shall be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values.
- The holder shall be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.

COMPLETION and PRODUCTION:

- Blow back fluids from completion operations shall be contained such that hydrocarbons are not introduced into the reserve pit.
- Reserve pits shall maintain a minimum of 2 feet of freeboard.
- During all road building, pad construction, drilling, well completion, producing and abandonment activities, all gasoline, diesel powered equipment used must be equipped with approved spark arresters or mufflers.
- Production facilities (including dikes) shall be placed on cut and a minimum of 20' from the toe of the backcut.
- Pesticides may not be used to control undesirable woody and herbaceous vegetation, aquatic plants, insects, rodents, trash fish, etc., without the prior written approval of the BLM. A request for approval of planned uses of pesticides shall be submitted 4 months prior to the proposed starting date.
- No production pits shall be allowed on the location.
- Load outs shall be inside the dike. A drip barrel shall be installed under the end of the loadout line.
- All production facilities, i.e. pump, pump house, storage tanks, oil-water separator, galvanized dikes, propane tanks, etc. shall be painted with a lusterless color (Carlsbad Canyon). All facilities shall be painted within six (6) months of installation.
- The well location shall be maintained in a clean environmentally friendly manner, using good house keeping practices.

Page 5 of 9 Well: Archy Bench 11-22-24-1 5/9/2006

- Equipment not being used for production shall not be stored on the well location.
- All oil and chemical barrels shall be labeled and have a spill containment device to protect soils from possible contamination.

ABANDONED WELL

- A sundry notice shall be submitted to the BLM prior to abandonment, a final reclamation seed mix shall be designated at the time the sundry is approved. The seed mix in the APD is not to be used for final reclamation.
- The seed shall be drilled or hand broadcast and harrowed into the ground during September of the year following earthwork for initial or final reclamation. Planting depth shall not exceed one-half inch using a seed drill. Weed seed free mulch shall also be applied to the planting area sufficiently to uniformly cover 80% of the seeded area. Hydroseeding and mulching can also be used, but seeding rates will need to be doubled.
- The cut and fill slopes shall be recontoured to original contours. The entire disturbed area shall then be back-filled with topsoil, landscaped, seeded and fenced to exclude livestock. The fence shall remain in place. It shall be removed prior to approval of final abandonment.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

• A surface casing shoe integrity test shall be performed.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status

without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field
 Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers
 until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the
 written report requirement. Any additional construction, reconstruction, or alterations of
 facilities, including roads, gathering lines, batteries, etc., which will result in the
 disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore
 Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field
 Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report
 of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in
 which operations commence and continue each month until the well is physically
 plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals
 Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office
 Petroleum Engineers will be provided with a date and time for the initial meter calibration
 and all future meter proving schedules. A copy of the meter calibration reports will be
 submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the
 API standards for liquid hydrocarbons and the AGA standards for natural gas
 measurement.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - o Operator name, address, and telephone number.
 - o Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located;
 otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - o Unit agreement and / or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days.
 "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field
 Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging
 of the well, in order that a representative may witness plugging operations. If a well is
 suspended or abandoned, all pits must be fenced immediately until they are backfilled.
 The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within

Page 9 of 9 Well: Archy Bench 11-22-24-1 5/9/2006

30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING						SE DESIGNATION AND SERIAL NUMBER: J-73903
SUNDRY NOTICES AND REPORTS ON WELLS						DIAN, ALLOTTEE OR TRIBE NAME:
Do n	ot use this form for proposals to drill ne	eenter plugged wells, or to	7. UNI n/a	or CA AGREEMENT NAME:		
	drill horizontal late PE OF WELL OIL WELL	erais	Use APPLICATION FOR PERMIT TO DRILL form for such proposals. GAS WELL OTHER	INCUTIAL		L NAME and NUMBER: ny Bench 11-22-24-1
2. NA	ME OF OPERATOR:	_		INPATIAL	9. API	NUMBER:
	during Resources, LLC		I Du	HONE NUMBER:		4737491 LD AND POOL, OR WILDCAT:
	DRESS OF OPERATOR: 17th Street, Suite 1500	De	00 00000 //	303) 350-5719		lesignated
	CATION OF WELL OTAGES AT SURFACE: 660' FS	SL -	1993' FWL		COUN	∼: Uintah
	R/QTR, SECTION, TOWNSHIP, RANG				STATE	: UTAH
11.	CHECK APPR	ROF	PRIATE BOXES TO INDICATE NATURE OF	F NOTICE, REPO	RT, O	R OTHER DATA
	TYPE OF SUBMISSION	Π		E OF ACTION		
			ACIDIZE DEEPEN			REPERFORATE CURRENT FORMATION
\checkmark	NOTICE OF INTENT (Submit in Duplicate)		ALTER CASING FRACTURE TR	REAT		SIDETRACK TO REPAIR WELL
	Approximate date work will start:		CASING REPAIR NEW CONSTRU	UCTION		TEMPORARILY ABANDON
	5/23/2006		CHANGE TO PREVIOUS PLANS OPERATOR CH	HANGE	ᆜ	TUBING REPAIR
		ļΓ	CHANGE TUBING PLUG AND ABA	ANDON		VENT OR FLARE
	SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:		CHANGE WELL NAME PLUG BACK		닏	WATER DISPOSAL
		ļ⊏	CHANGE WELL STATUS PRODUCTION	(START/RESUME)		WATER SHUT-OFF
	Date of work completion.	Ι	COMMINGELITICS	N OF WELL SITE		OTHER: Request for APD Extension
			CONVERT WELL TYPE RECOMPLETE	- DIFFERENT FORMATION		LAterision
12.		LLC :/20		piration date of thi d by the ision of		ication for Permit to Drill
			Date: 0-23	3-06		COPY SEMI ID OPERATOR Cole: 10-23-06 Intick: PM
	FOR EASE BRINE) Evette Bis	set	t TITLE	Regulatory Com	pliand	e Assistant
NAN	ME (PLEASE PRINT)			10/16/2006		
SIG	NATURE	1	Breet DATE	10/10/2000		

(This space for State use only)

RECEIVED OCT 2 0 2006

Application for Permit to Drill Request for Permit Extension

Validation
(this form should accompany the Sundry Notice requesting permit extension)

OCT 2 0 2006

CONFIDENTIAL

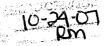
FORM 9

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING UTU-73903 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. n/a 8. WELL NAME and NUMBER: GAS WELL 🔽 OIL WELL OTHER Archy Bench 11-22-24-1 9. API NUMBER: 2. NAME OF OPERATOR: 4304737491 Enduring Resources, LLC 10. FIELD AND POOL, OR WILDCAT: HONE NUMBER: 3. ADDRESS OF OPERATOR: 7150 80202 (303) 350-5719 Undesignated STATE CO 475 17th Street, Suite 1500 Denver 4. LOCATION OF WELL соинту: Uintah FOOTAGES AT SURFACE: 660' FSL - 1993' FWL 11S 22E STATE: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF ACTION TYPE OF SUBMISSION REPERFORATE CURRENT FORMATION DEEPEN **ACIDIZE** \square NOTICE OF INTENT SIDETRACK TO REPAIR WELL (Submit in Duplicate) ALTER CASING FRACTURE TREAT TEMPORARILY ABANDON Approximate date work will start: CASING REPAIR NEW CONSTRUCTION TUBING REPAIR OPERATOR CHANGE CHANGE TO PREVIOUS PLANS VENT OR FLARE PLUG AND ABANDON CHANGE TUBING WATER DISPOSAL PLUG BACK SUBSEQUENT REPORT CHANGE WELL NAME (Submit Original Form Only) WATER SHUT-OFF PRODUCTION (START/RESUME) CHANGE WELL STATUS Date of work completion: OTHER: Request for APD COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE Extension **RECOMPLETE - DIFFERENT FORMATION** CONVERT WELL TYPE 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Enduring Resources, LLC respectfully request an extension to the expiration date of this Application for Permit to Drill 10/23/2007 FROM: Approved by the TO: 10/23/2008 Utah Division of Oil, Gas and Mining Landman - Regulatory Specialist Alvin R. (Al) Arlian NAME (PLEASE PRINT) 10/19/2007 DATE SIGNATURE

(This space for State use only)

OCT 2 3 2007





(this form should accompany the Sundry Notice requesting permit extension)

Well Name: Archy Bench 11-22-24-1 Location: 660' FSL - 1993' FWL, SESW, Sec 1, T11S-R22E	
Company Permit Issued to: Enduring Resources, LLC Date Original Permit Issued: 12/14/2005	
The undersigned as owner with legal rights to drill on the property as above, hereby verifies that the information as submitted in the previous approved application to drill, remains valid and does not require revi	ously
Following is a checklist of some items related to the application, whiverified.	ch should be
If located on private land, has the ownership changed, if so, has the agreement been updated? Yes□No□	surface
Have any wells been drilled in the vicinity of the proposed well whicl the spacing or siting requirements for this location? Yes□ No ☑	n would affect
Has there been any unit or other agreements put in place that could permitting or operation of this proposed well? Yes□No☑	affect the
Have there been any changes to the access route including owners of-way, which could affect the proposed location? Yes□No ☑	hip, or right-
Has the approved source of water for drilling changed? Yes□No☑	
Have there been any physical changes to the surface location or ac which will require a change in plans from what was discussed at the evaluation? Yes□No☑	cess route onsite
Is bonding still in place, which covers this proposed well? Yes ☑No	
10/19/2007	
Signature Date	
Title: Landman - Regulatory Specialist	
Representing: Enduring Resources, LLC	energy (see Signature)

Form 3160-3 (April 2004)

RECEIVED
VERNAL FIELD OFFICE
Oct 25,2001
2000 JAN 29 AM 8: 18

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MAT	nagem <u>ent</u> of the in	etroins	010-73903			
APPLICATION FOR PERMIT TO	DOUBLES AND	in May i	6. If Indian, Allotee	or Tribe Name		
APPLICATION FOR PERMIT NO		N/A				
la. Type of work: DRILL REENI	NOD.		7 If Unit or CA Agre	ement, Name and No.		
la. Type of work: ✓ DRILL REENT	IEK		N/A	,		
	,		8. Lease Name and	Well No.		
lb. Type of Well: Oil Well ✓ Gas Well Other	Single Zone Multi	ple Zone	Archy Bench	11-22-24-1		
2. Name of Operator			9. API Well No.			
Enduring Resources, LLC				-37491		
Ba. Address 475 17th Street, Suite 1500 Denver, CO 80202	3b. Phone No. (include area code)		10. Field and Pool, or	Exploratory		
	303-350-5114		undesignated			
4. Location of Well (Report location clearly and in accordance with a	ury State requirements.*)		11. Sec., T. R. M. or B	lk. and Survey or Area		
At surface SESW 1993' FWL 660' FS	L .	,	G 4 m44 G 704	en az n az		
At proposed prod. zone Same as surface			Sec 1 T11S R2	ZE S.L.B.&M.		
4. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State		
37.7 miles Southwesterly from Bonanza, Utah			Uintah	UT		
5. Distance from proposed* 660'	16. No. of acres in lease	17. Spacing	pacing Unit dedicated to this well			
location to nearest property or lease line, ft.						
(Also to nearest drig. unit line, if any)	1341.28 40 acres					
8. Distance from proposed location*	19. Proposed Depth 20. BLM/BIA Bond No. on file					
to nearest well, drilling, completed, applied for, on this lease, ft. 1262.64'	8043'	BLM -	UTB000173			
l. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	irt*	23. Estimated duration	n		
5821' RT-KB	06/01/2008		20 days			
	24. Attachments					
he following, completed in accordance with the requirements of Onshe	ore Oil and Gas Order No.1, shall be a	attached to this	form:			
. Well plat certified by a registered surveyor. A Drilling Plan.	4. Bond to cover t Item 20 above).	the operations	s unless covered by an	existing bond on file (se		
. A Surface Use Plan (if the location is on National Forest System						
SUPO shall be filed with the appropriate Forest Service Office).	6. Such other site authorized office		mation and/or plans as	may be required by the		
5. Signature	Signature Name (Printed Typed)			Date		
Alvin R. (Al) Arlian				10/20/2007		
tle						

Approved by (Sig Field Manager Title & Mineral Resources Name (Printed/Typed)

TAUG 12 2008

VERNAL FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Conditions of approval, if any, are attack

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Office

*(Instructions on page 2)

AUG 19 2008

NOTICE OF APPROVAL



DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No:

API No:

Enduring Resources, LLC Archy Bench 11-22-24-1

Location: Lease No: SESW, Sec. 1, T11S, R22E

: Arcny Bench 1 43-047-37491

Agreement:

UTU-73903

N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	

NRS/Enviro Scientist: Chuck Macdonald (435) 781-4441
NRS/Enviro Scientist: Dan Emmett (435) 781-3414
NRS/Enviro Scientist: Paul Percival (435) 781-4493
NRS/Enviro Scientist: Michael Cutler (435) 781-3401

NRS/Enviro Scientist:

NRS/Enviro Scientist:

NRS/Enviro Scientist:

NRS/Enviro Scientist:

NRS/Enviro Scientist:

Nathan Packer

(435) 781-3401 (435) 781-3407 (435) 781-3402 (435) 781-4447

(435) 828-3548 (435) 828-3547 (435) 828-4029

(435) 828-7481

(435) 828-3546

(435) 828-3545

(435) 781-3405 Fax: (435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	_	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	_	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.



Page 2 of 8 Well: Archy Bench 11-22-24-1

8/11/2008

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

This well is located within the Resource Development Group (RDG) EIS project boundary, any additional mitigation or COA's approved in the Final RDG EIS Record of Decision are also applicable to approval of this proposed action.

Mitigation

- Threatened and Endangered Fish Mitigation for Water Supply
 - 1. The best method to avoid entrainment is to pump from an off-channel location one that does not connect to the river during high spring flows. An infiltration gallery constructed in a BLM and Service approved location is best.
 - 2. If the pump head is located in the river channel where larval fish are known to occur, the following measures apply:
 - a. do not situate the pump in a low-flow or no-flow area as these habitats tend to concentrate larval fishes:
 - b. limit the amount of pumping, to the greatest extent possible, during that period of the year when larval fish may be present (see above); and
 - c. limit the amount of pumping, to the greatest extent possible, during the pre-dawn hours as larval drift studies indicate that this is a period of greatest daily activity.
 - 3. Screen all pump intakes with 1/4" mesh material.
 - 4. Report any fish impinged on the intake screen to the Service (801.975.3330) and the Utah Division of Wildlife Resources:

Northeastern Region

152 East 100 North, Vernal, UT 84078 Phone: (435) 781-9453

Conditions of Approval:

- If Uinta Basin hookless cactus, White River beardtongue, Graham's beardtongue or other special status plants are found, construction shall cease and the AO shall be notified to determine the appropriate mitigation.
- The operator shall control noxious weeds along access road use authorizations, pipeline route authorizations, rights-of-way, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM weeds specialist or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal (PUP) be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.

Page 3 of 8 Well: Archy Bench 11-22-24-1 8/11/2008

No vehicle travel, construction or routine maintenance activities shall be performed during
periods when the soil is too wet to adequately support vehicles and/or construction equipment.
If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet
to adequately support construction equipment.

- The authorized officer may prohibit surface disturbing activities during severe winter, wet, or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The access road shall be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. shall be needed to control the erosion. Low-water crossings shall be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines shall be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit shall be lined with 16 ml or greater liner to prevent pit leakage and at least one felt liner (double felt as need to prevent pit leakage) prior to spudding.
- All open pits shall be properly fenced and maintained during operations and until the pits are backfilled. When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
- The reserve pit shall be free of oil and other liquids and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to backfilling. The reserve pit must not be "squeezed", (filled with soil while still containing fluids) or cut (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).
- The pit liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- All permanent facilities, not regulated by OSHA, shall be painted the same color, **carlsbad canyon**; within six months of installation.
- During construction the topsoil from the location shall be stripped and windrowed separately
 from the other excess material. The topsoil windrows shall be re-seeded using the interim seed
 mix and track walked or drag chained at the time the location is constructed. The topsoil
 removed from the pit area shall be stored separately and will not be re-seeded until the pit is
 reclaimed. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread,
 and the area shall be seeded using the interim seed mix listed below.
- Upon well completion, the well pad location up to the deadmen, shall be recontoured to the
 approximate natural contours and the stockpiled topsoil shall be spread evenly over the
 reclaimed area and then re-seeded using the interim seed mix.

Page 4 of 8 Well: Archy Bench 11-22-24-1

8/11/2008

Reclamation:

Interim seed mix: Hy-crest Crested Wheatgrass Indian ricegrass Needle and thread Wyoming Big Sagebrush	Agropyron cristatum Achnatherum hymenoides Hesperostipa comata Artemisia tridentata var. wyomingensis	4 lbs/acre 4 lbs/acre 4 lbs/acre ½ lbs/acre
Final reclamation seed mix: Hy-crest Crested Wheatgrass Indian ricegrass Needle and thread Wyoming Big Sagebrush	Agropyron cristatum Achnatherum hymenoides Hesperostipa comata Artemisia tridentata var. wyomingensis	4 lbs/acre 4 lbs/acre 4 lbs/acre ½ lbs/acre

- All pounds are in pure live seed.
- All seed and mulch shall be certified weed free.
- Drill seeding is the preferred method.
- Rates are set for drill seeding; double the rate if broadcasting.
- If broadcasting seed: The seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain.
- Reseeding shall be required if initial seeding is not successful.
- Once the location is plugged and abandoned, the well location and access road shall be
 recontoured to the natural topography, topsoil shall be respread, and the entire location and
 access road shall be seeded with the final reclamation seed mix. Seed application shall follow
 all guidelines in the final reclamation seed mix bullet statement above. If reclamation seeding
 should take place using the broadcast method, the seed at a minimum shall be walked into the
 soil with a dozer, immediately after the seeding is completed, or covered by soil using a drag
 chain.

Page 5 of 8 Well: Archy Bench 11-22-24-1

8/11/2008

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- For surface casing cementing program, stage Top Out or Top Job is to bring cement to surface. Note that stage TopOut is to bring cement to surface.
- Production casing cement shall be brought up and into the surface casing. The minimum cement top is 300 ft above the surface casing shoe. COA specification is consistent with operators performance standard stated in APD.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
 daily drilling report. Components shall be operated and tested as required by Onshore Oil &
 Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
 performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
 reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

Page 6 of 8 Well: Archy Bench 11-22-24-1 8/11/2008

• The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
 Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum
 Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 7 of 8 Well: Archy Bench 11-22-24-1

8/11/2008

OPERATING REQUIREMENT REMINDERS:

 All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
 notified when it is placed in a producing status. Such notification will be by written
 communication and must be received in this office by not later than the fifth business day
 following the date on which the well is placed on production. The notification shall provide, as a
 minimum, the following informational items:
 - o Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - o Unit agreement and/or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

Page 8 of 8 Well: Archy Bench 11-22-24-1

8/11/2008

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
 Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
 and all future meter proving schedules. A copy of the meter calibration reports shall be
 submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
 standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
 measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
 to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
 first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
 adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
 sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering
 lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of
 a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval
 may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior
 approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
 before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH

DEPARTMENT OF NATURAL R	RESOURCESOONICIDICATION	
DIVISION OF OIL, GAS AN	ND MININ CONFIDENTIAL	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73903
SUNDRY NOTICES AND REPO	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to drill new wells, significantly deepen existing wells to drill horizontal laterals. Use APPLICATION FOR PERMIT TO	7. UNIT of CA AGREEMENT NAME: n/a	
1. TYPE OF WELL OIL WELL GAS WELL 🗹 OT	THER	8. WELL NAME and NUMBER: Archy Bench 11-22-24-1
2. NAME OF OPERATOR:		9. API NUMBER:
Enduring Resources, LLC 3. ADDRESS OF OPERATOR:	PHONE NUMBER:	4304737491 10. FIELD AND POOL, OR WILDCAT:
475 17th Street, Suite 1500 CITY Denver A STATE CO		Undesignated
4. LOCATION OF WELL FOOTAGES AT SURFACE: 660' FSL - 1993' FWL		соилту: Uintah
	1S 22E S	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INC	the state of the s	ORT, OR OTHER DATA
TYPE OF SUBMISSION ACIDIZE	TYPE OF ACTION	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate) ACIDIZE ACIDIZE ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME (Submit Original Form Only)	PLUG BACK	WATER DISPOSAL
Date of work completion:	PRODUCTION (START/RESUME)	WATER SHUT-OFF
COMMINGLE PRODUCING FORMA	ATIONS RECLAMATION OF WELL SITE RECOMPLETE - DIFFERENT FORMATION	✓ OTHER: Request for APD Extension
Enduring Resources, LLC respectfully request an FROM: 10/23/2008 TO: 10/23/2009		
	By: Demi	
NAME (PLEASE PRINT) Alvin R. (AI) Arlian	TITLE Landman	
SIGNATURE		
his space for State use only)	Amerika	da esta

COPY SENT TO OPERATOR

(See Instructions on Reverse Side)

RECEIVED

OCT 2 3 2008



Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304737941 Well Name: Archy Bench 11-22-24-1 Location: 660' FSL - 1993' FWL, SESW, Sec 1, T11S-I Company Permit Issued to: Enduring Resources, L1 Date Original Permit Issued: 12/14/2005	
The undersigned as owner with legal rights to drill above, hereby verifies that the information as submapproved application to drill, remains valid and does	nitted in the previously
Following is a checklist of some items related to the verified.	e application, which should be
If located on private land, has the ownership chang agreement been updated? Yes□No□	ed, if so, has the surface
Have any wells been drilled in the vicinity of the prothe spacing or siting requirements for this location?	
Has there been any unit or other agreements put in permitting or operation of this proposed well? YesE	•
Have there been any changes to the access route in of-way, which could affect the proposed location?	• • •
Has the approved source of water for drilling change	jed? Yes□No⊠
Have there been any physical changes to the surfa which will require a change in plans from what was evaluation? Yes□No☑	
Is bonding still in place, which covers this proposed	l well? Yes☑No□
Signature	9/29/2008 Date
Title: Administrative Assistant	and the second second
Representing: Enduring Resources, LLC	
	RECEIVED

OCT 2 3 2008

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES					FORM 9
	DIVISION OF OIL, GAS, AND M.	3	5.LEAS	E DESIGNATION AND SERIAL NUMBER: 73903	
	RY NOTICES AND REPORTS			6. IF I	NDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepe ugged wells, or to drill horizontal laterals.			7.UNI1	or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well					L NAME and NUMBER: Y BENCH 11-22-24-1
2. NAME OF OPERATOR: Enduring Resources, LLC					NUMBER: 7374910000
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500,	Denver, CO, 80202 30:		HONE NUMBER: 5114 Ext		D and POOL or WILDCAT: R CREEK
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1993 FWL QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN:			COUNT UINTA STATE	AH
	Township: 11.0S Range: 22.0E Meridian	ı: S		UTAH	
CHE	CK APPROPRIATE BOXES TO INDICA	ATE N	ATURE OF NOTICE, REPOF	RT, OR OT	HER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
	☐ ACIDIZE		ALTER CASING		CASING REPAIR
✓ NOTICE OF INTENT Approximate date work will start: 10/30/2009	CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME
10/30/2003	☐ CHANGE WELL STATUS	_	COMMINGLE PRODUCING FORMATION	ıs L	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN		FRACTURE TREAT		NEW CONSTRUCTION
	☐ PRODUCTION START OR RESUME	_	PLUG AND ABANDON RECLAMATION OF WELL SITE	_	PLUG BACK RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	_	SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON
Dute of Spau.	TUBING REPAIR	_	VENT OR FLARE		WATER DISPOSAL
DRILLING REPORT	□ WATER SHUTOFF		SI TA STATUS EXTENSION	1	APD EXTENSION
Report Date:	WILDCAT WELL DETERMINATION		OTHER	ОТН	IER:
12. DESCRIBE PROPOSED OR CO	DMPLETED OPERATIONS. Clearly show all p	ertinen	t details including dates, depth	s, volumes,	etc.
Requ	uest for one-year extension t	o API	D term.		
					Approved by the Utah Division of
					l, Gas and Mining
				20.20.00	
			Date:_	October 29, 2009	
			Ву: <u></u>	ral gilli	
NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBE 303 350-5114	R	TITLE Landman-Regulatory		
SIGNATURE N/A			DATE 10/29/2009		



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047374910000

API: 43047374910000

Well Name: ARCHY BENCH 11-22-24-1

Location: 0660 FSL 1993 FWL QTR SESW SEC 01 TWNP 110S RNG 220E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

Date Original Permit Issued: 12/14/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

 If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
 Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
 Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
 Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
• Has the approved source of water for drilling changed? Yes No
 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? Yes No Utah Division of

Signature: Alvin Arlian **Date:** 10/29/2009

Title: Landman-Regulatory Representing: ENDURING RESOURCES, LLC Date: October 29, 2009

Bv: D

Oil, Gas and Mining

	STATE OF UTAH				FORM 9		
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING				5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-73903			
	RY NOTICES AND REPORTS		_	6. IF	INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.				7.UN	7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Gas Well					8. WELL NAME and NUMBER: ARCHY BENCH 11-22-24-1		
2. NAME OF OPERATOR: Enduring Resources, LLC					9. API NUMBER: 43047374910000		
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500,			UMBER: 5114 Ext		9. FIELD and POOL or WILDCAT: BITTER CREEK		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1993 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:			COUN UIN	ГАН			
	Township: 11.0S Range: 22.0E Meridian	: S			STATE: UTAH		
11.	CK APPROPRIATE BOXES TO INDICA	ATE NA	ATURE OF NOTICE, REPOR	T, OR O	THER DATA		
TYPE OF SUBMISSION			TYPE OF ACTION				
	☐ ACIDIZE		ALTER CASING	[CASING REPAIR		
NOTICE OF INTENT Approximate date work will start: 12/14/2010	☐ CHANGE TO PREVIOUS PLANS		CHANGE TUBING]	CHANGE WELL NAME		
SUBSEQUENT REPORT	☐ CHANGE WELL STATUS	_	COMMINGLE PRODUCING FORMATION	s ։ [☐ CONVERT WELL TYPE ☐ NEW CONSTRUCTION		
Date of Work Completion:	OPERATOR CHANGE		PLUG AND ABANDON	[PLUG BACK		
	PRODUCTION START OR RESUME	☐ F	RECLAMATION OF WELL SITE	[RECOMPLETE DIFFERENT FORMATION		
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL	[TEMPORARY ABANDON		
	☐ TUBING REPAIR		VENT OR FLARE	[WATER DISPOSAL		
DRILLING REPORT Report Date:	☐ WATER SHUTOFF		SI TA STATUS EXTENSION		APD EXTENSION		
Report Date.	☐ WILDCAT WELL DETERMINATION		OTHER	0	THER:		
l .	OMPLETED OPERATIONS. Clearly show all pe		•	, volume	s, etc.		
Request for	an one-year extension to AP	D tei	rmination date.		Approved by the		
					Utah Division of		
				O	il, Gas and Mining		
				Date:	12/13/2010		
				Dute.	00 601 00		
				By: <u>\</u>	Diddelle		
					7/3		
NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	₹	TITLE Landman-Regulatory				
SIGNATURE N/A			DATE 12/13/2010				



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047374910000

API: 43047374910000

Well Name: ARCHY BENCH 11-22-24-1

Location: 0660 FSL 1993 FWL QTR SESW SEC 01 TWNP 110S RNG 220E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

Date Original Permit Issued: 12/14/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

	ated on private land ed? 📗 Yes 📵 N	•	ship changed,	if so, has the	surface ag	reement been	
	any wells been drill requirements for tl			ed well which	n would aff	ect the spacing or	
	here been any unit on sproposed well?		ents put in pla	ce that could	affect the p	ermitting or operati	on
	there been any cha the proposed locat			ling ownershi	p, or righto	f- way, which could	
• Has tl	he approved source	of water for dri	lling changed?	O Yes 🖲	No		
	there been any phy je in plans from wha					-	
• Is bo	nding still in place, v	which covers th	is proposed we	ll? 🌘 Yes(proved by the ah Division of Gas and Mining	
Signature:	Alvin Arlian	Date:	12/13/2010			12/13/2010	
Title:	Landman-Regulatory	Representing:	ENDURING RES	OURCES, LLC	Date:	(88	_
					2. 1.	Ocall VV	

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

JUL 0 7 2010 5. Lease Serial No. UTU73903

6.	If Indian,	Allottee	or Trib	e Name	

abandoned we	D) for such proposals.	IAA	If Indian, Allottee or Tribe Name 7. If Unit or CA/Agreement, Name and/or No.			
SUBMIT IN TRI	ctions on reverse side.	LIV				
1. Type of Well				8. Well Name and No),	
Oil Well Gas Well Of	her			ARCHY BENCH	11-22-24-1	
2. Name of Operator ENDURING RESOURCES, L	AL ARLIAN nduringresources.com		9. API Well No. 43-047-37491			
3a. Address 475 17TH STREET, SUITE 1: DENVER, CO 80202	500	3b. Phone No. (include area cod Ph: 303-350-5114 Fx: 303-573-0461	e)	10. Field and Pool, o UNDESIGNAT		
4. Location of Well (Footage, Sec., 7	., R., M., or Survey Descriptio	n)		11. County or Parish,	, and State	
Sec 1 T11S R22E SESW 660 39.53029 N Lat, 109.24209 V				UINTAH COUN	ITY, UT	
12. CHECK APPI	ROPRIATE BOX(ES) TO	O INDICATE NATURE OF	NOTICE, RE	PORT, OR OTHE	R DATA	
TYPE OF SUBMISSION		TYPE O	F ACTION			
Notice of Intent	Acidize	Deepen	Production	on (Start/Resume)	☐ Water Sl	hut-Off
_	☐ Alter Casing	Fracture Treat	☐ Reclama	•	□ Well Int	
☐ Subsequent Report	Casing Repair	☐ New Construction	Recompl	lete	Other	
☐ Final Abandonment Notice	☐ Change Plans	Plug and Abandon	☐ Tempora	rily Abandon	Change to (Original
	Convert to Injection	Plug Back	☐ Water Di	isposal	ID	
Request a 2-year extension of	i tille welle Al D terminati	RECEIV	VED	VERNAL FIEL		β 1 6
		JAN 13	2011	ENG. (4)	SEI	P 1 6
		DIV. OF OIL, GAS		GEOL	Designation of the Fig. 74	
CONDITIONS O	FAPPROVA	L ATTACHED		E.S	The state of the s	1 2 2
				RECL.	1	
14. I hereby certify that the foregoing is	Electronic Submission # For ENDURIN	89146 verified by the BLM Wel G RESOURCES, LLC, sent to for processing by GAIL JENKI	the Vernal	-		
Name (Printed/Typed) AL ARLIAI		į .	ATIONS	· · · · · · · · · · · · · · · · · · ·		
Signature (Electronic S		Date 07/07/2				
1	THIS SPACE FO	R FEDERAL OR STATE		***		
Approved By DUD		Title Lar	ng Assistant Fio nds & Mineral	eld Manager Resources	Date	J ZVIU
onditions of approval, if any, are attached trify that the applicant holds legal or equinic would entitle the applicant to conductive the conductive triple applicant to conductive the applicant to conductive triple applicant triple ap	utable title to those rights in the act operations thereon.	e subject lease Office		LD OFFICE		
itle 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, make it a	crime for any person knowingly ar	nd willfully to me	ake to any denartment	or agency of the	United

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

39945F

CONDITIONS OF APPROVAL

Enduring Resources, LLC

Notice of Intent APD Extension

Lease:

UTU-73903

Well:

Archy Bench 11-22-24-1

Location:

SESW Sec 1-T11S-R22E

An extension for the referenced APD is granted with the following conditions:

- 1. The extension and APD shall expire on August 7, 2011.
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Carey Doyle of this office at (435) 781-4430.



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

December 14, 2011

Al Arlian **Enduring Resources, LLC** 511-16th Street, Ste. 700 Denver, CO 80202

Re:

APD Rescinded – Archy Bench 11-22-24-1, Sec.1 T.11S, R.22E

Uintah County, Utah API No. 43-047-37491

Dear Mr. Arlian:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on December 14, 2005. October 23, 2006, October 23, 2007, October 30, 2008, October 29, 2009 and December 13, 2010 the Division granted a one-year APD extension. On December 12, 2011, you requested that the APD be rescinded. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective December 12, 2011.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely.

Environmental Scientist

cc:

Well File

Bureau of Land Management, Vernal



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Green River District-Vernal Field Office 170 South 500 East Vernal, UT 84078 (435) 781-4400 Fax: (435) 781-4410 http://www.blm.gov/ut/st/en/fo/vernal.html



MAR 2 6 2012

43 047 37491

IN REPLY REFER TO: 3160 (UTG011)

Alvin R. Arlian Enduring Resources, LLC 511-16th Street, Suite 700 Denver, CO 80202

Re:

Notice of Expiration

Well No. Archy Bench 11-22-24-1

SESW, Sec. 1, T11S, R22E

Uintah County, Utah Lease No. UTU-73903 ARR 94 2912

Dear Mr. Arlian:

The Application for Permit to Drill (APD) for the above-referenced well was approved on August 12, 2008. A two (2) year extension request of the original APD was received on July 7, 2010. On November 19, 2010 the request was reviewed and the extension request was approved to August 7, 2011, consistent with the expiration of the 390 CX used to process the APD. According to our records, no known activity has transpired at the approved location. In view of the foregoing, this office is notifying you that the approval of the referenced application has expired. If you intend to drill at this location in the future, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

If you have any questions regarding this matter, please contact Cindy Severson at (435) 781-4455.

Sincerely,

Jerry Kenczka

Assistant Field Manager
Lands & Mineral Resources

cc: UDOGM